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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sharp *et al.*  
Serial No: 09/779,379  
Confirmation No.: 7977  
Filed: February 7, 2001  
For: AIR QUALITY MONITORING SYSTEMS AND METHODS  
Examiner: Not Yet Assigned  
Art Unit: 2856

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Attn: Official Draftsperson  
COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231

Sir:

**LETTER TO OFFICIAL DRAFTSPERSON**

Applicants submit herewith formal drawings (10 sheets for FIGS. 1-8B) to replace the informal drawings filed in the above-identified patent application. Figures 1, 7 and 8 have been relabeled as Fig. 1A and 1B, Fig. 7A and 7B and Fig. 8A and 8B, respectively. Each of these figures now has been separated onto two sheets, so that the drawings are more clearly understood as they are not crowded onto one sheet. Also, missing reference numerals were added to Fig. 1A and 1B, Fig. 7A and 7B and Fig. 8A and 8B in conformance with the specification.

If the formal drawings are found to be deficient in any way, the Official Draftsperson is invited to contact the undersigned by telephone so that Applicants can accomplish any further changes that the draftsperson might require.

Please charge any fee or fee deficiency occasioned by this response to Deposit Account No. 23/2825.

Respectfully submitted,

*Sharp et al., Applicant(s)*

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Date: May 22, 2002  
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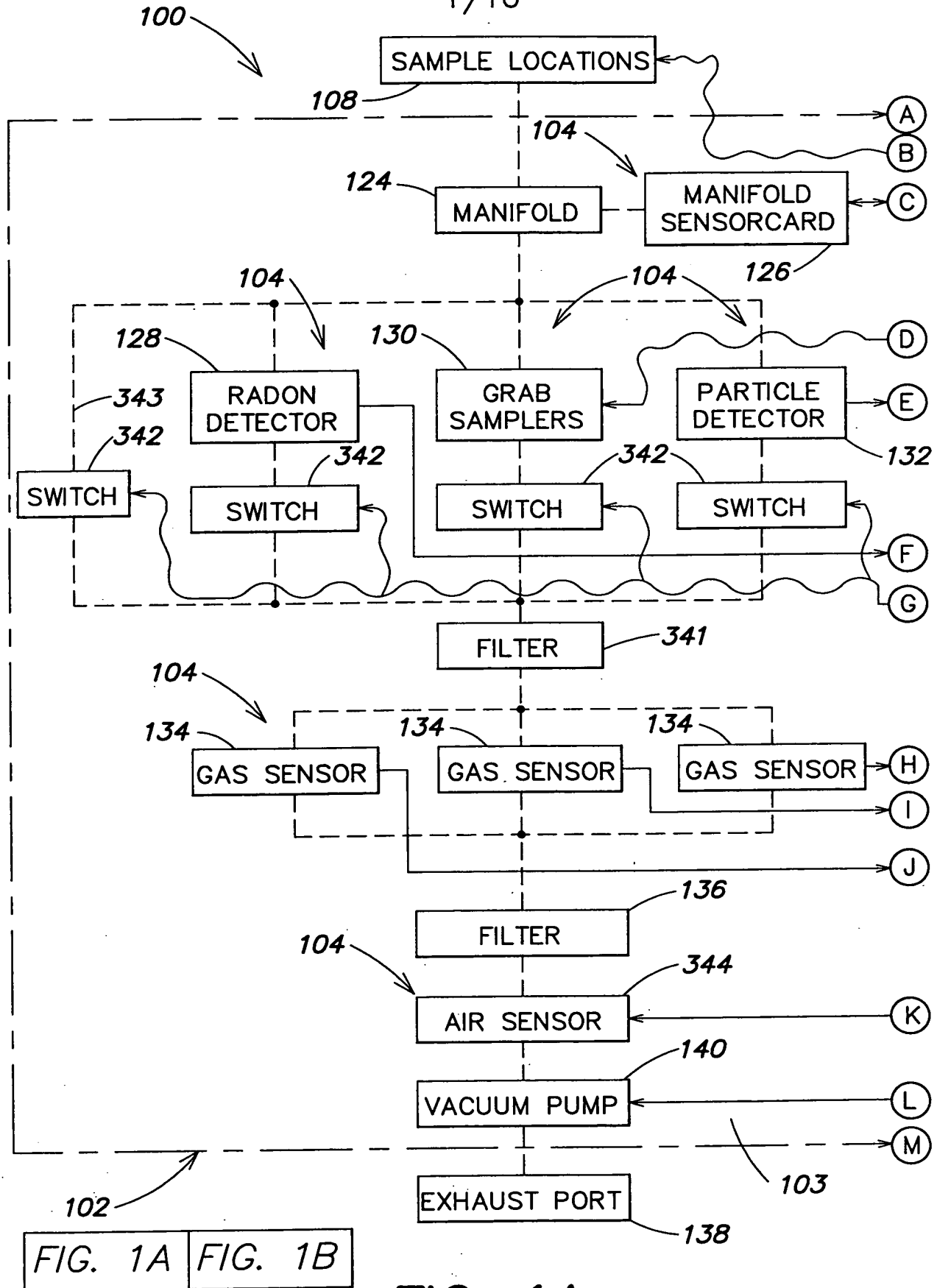


FIG. 1A

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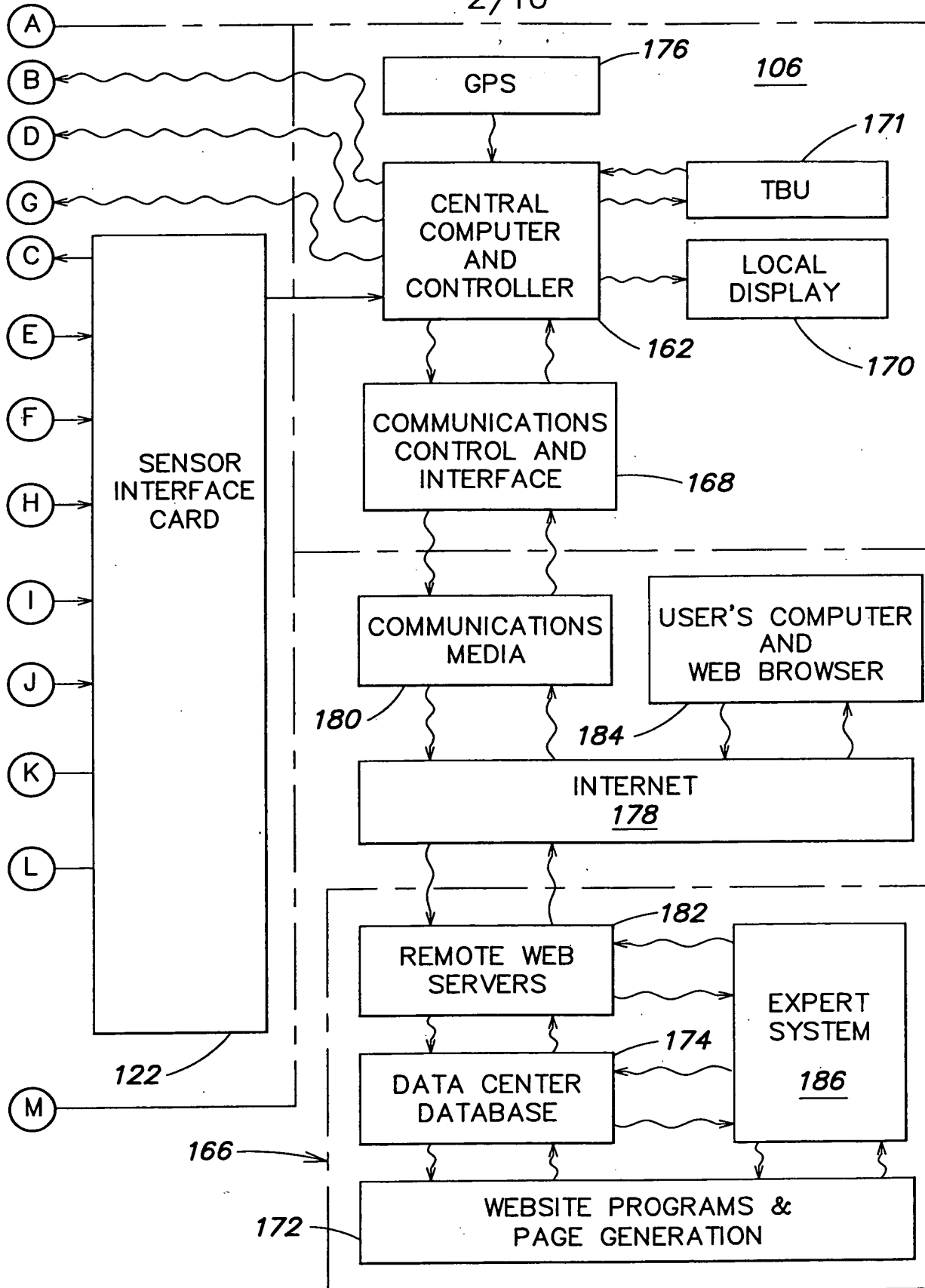


FIG. 1B

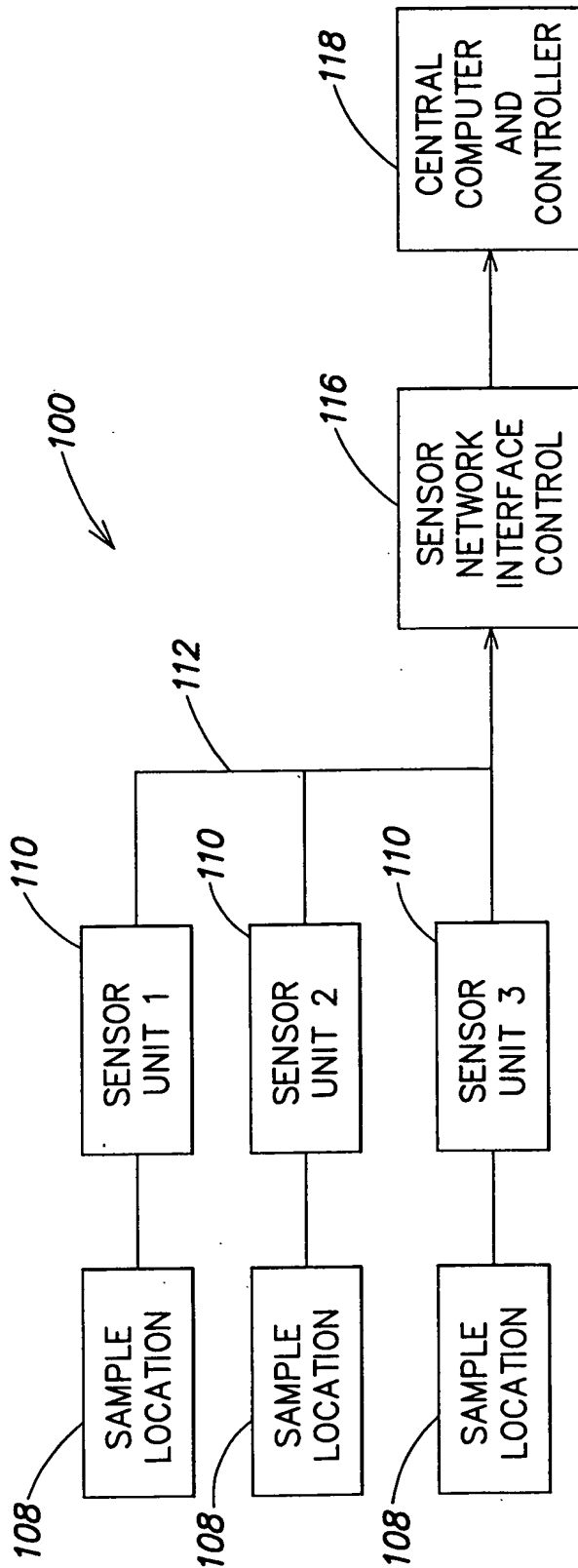
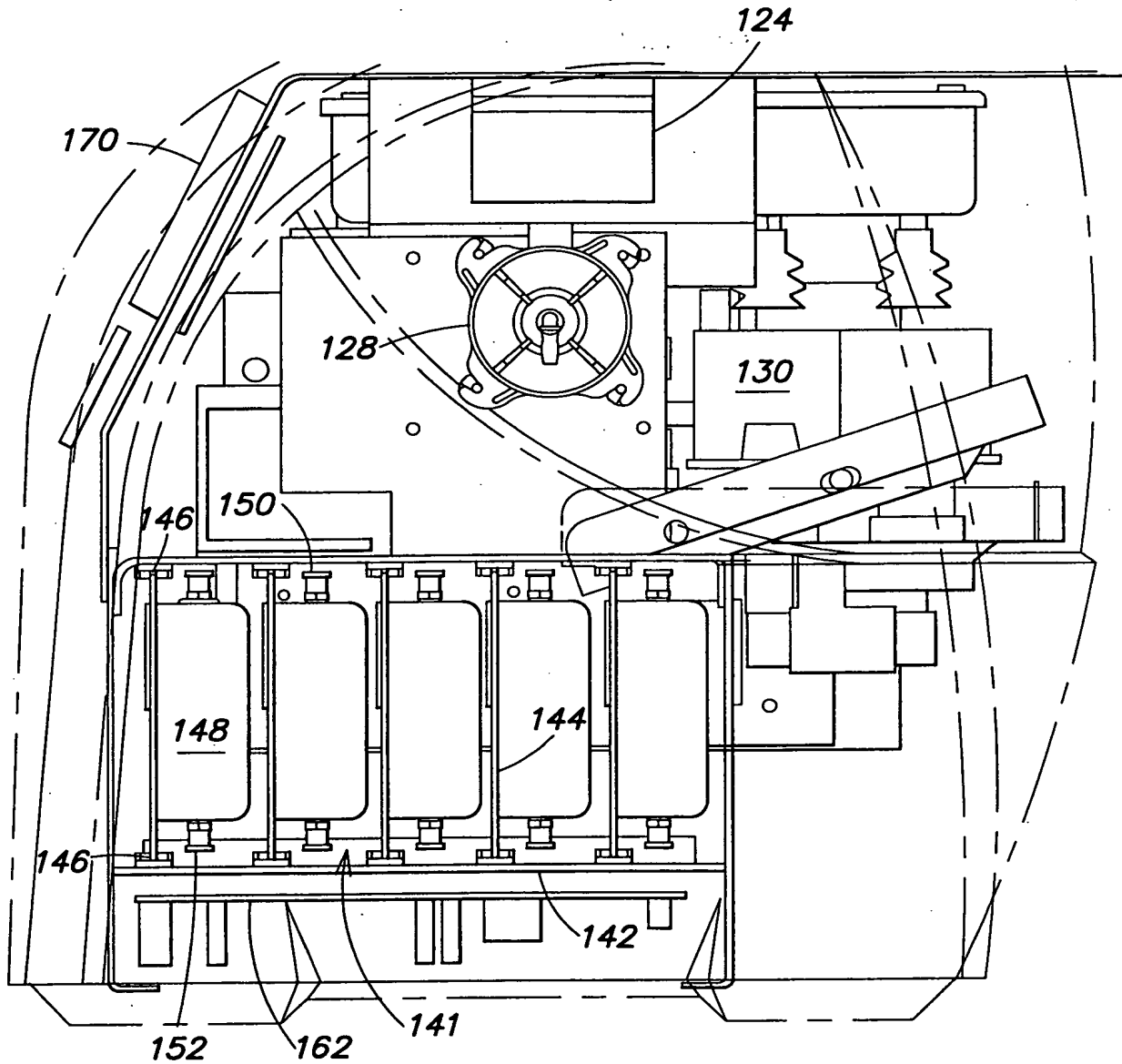


FIG. 2

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**FIG. 3**

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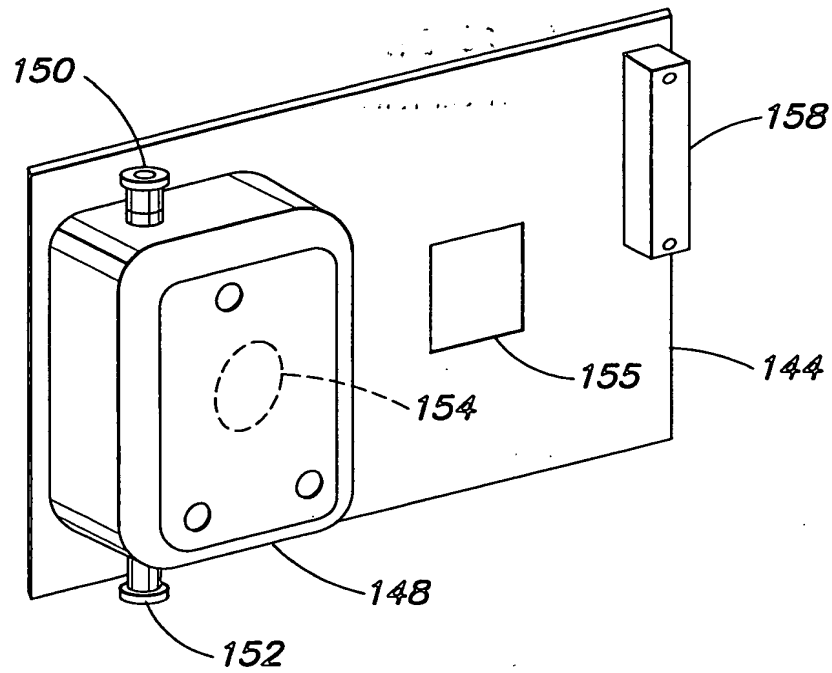


FIG. 4

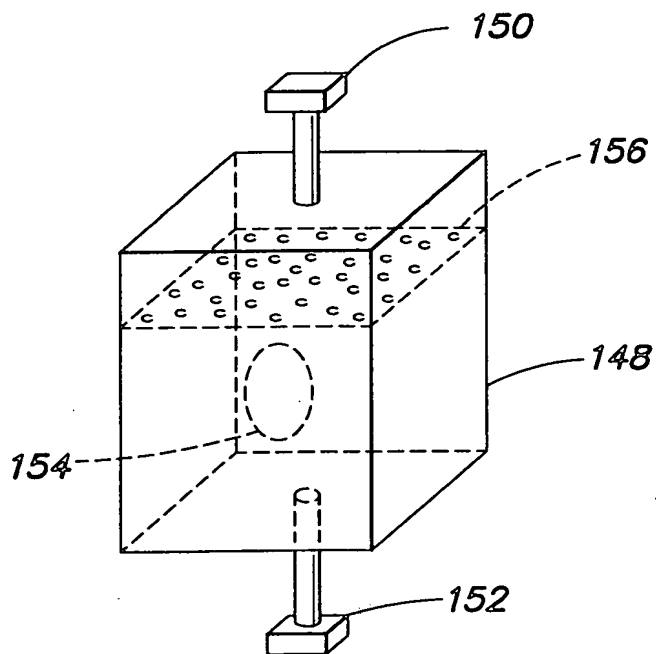


FIG. 5

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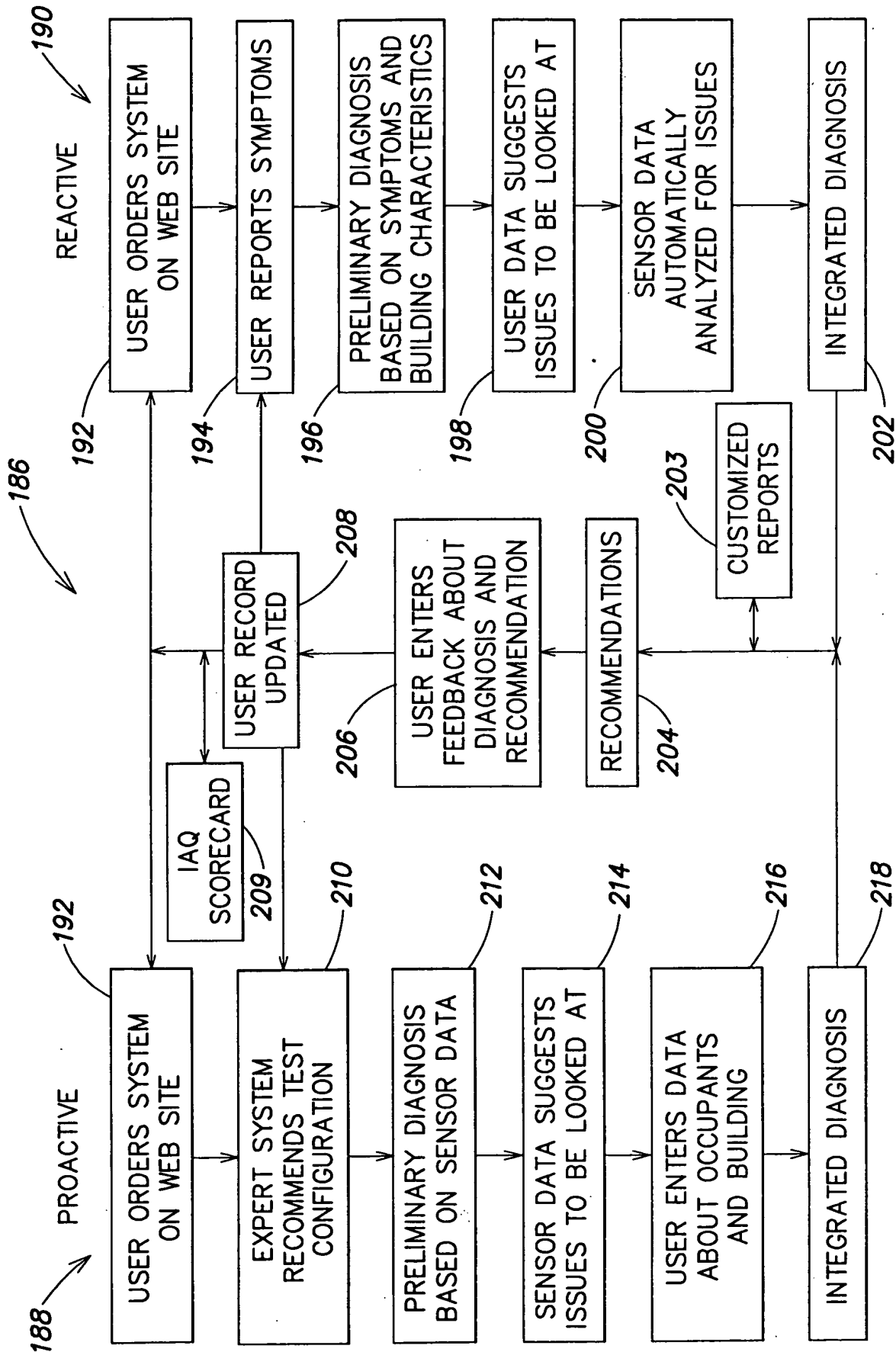


FIG. 6

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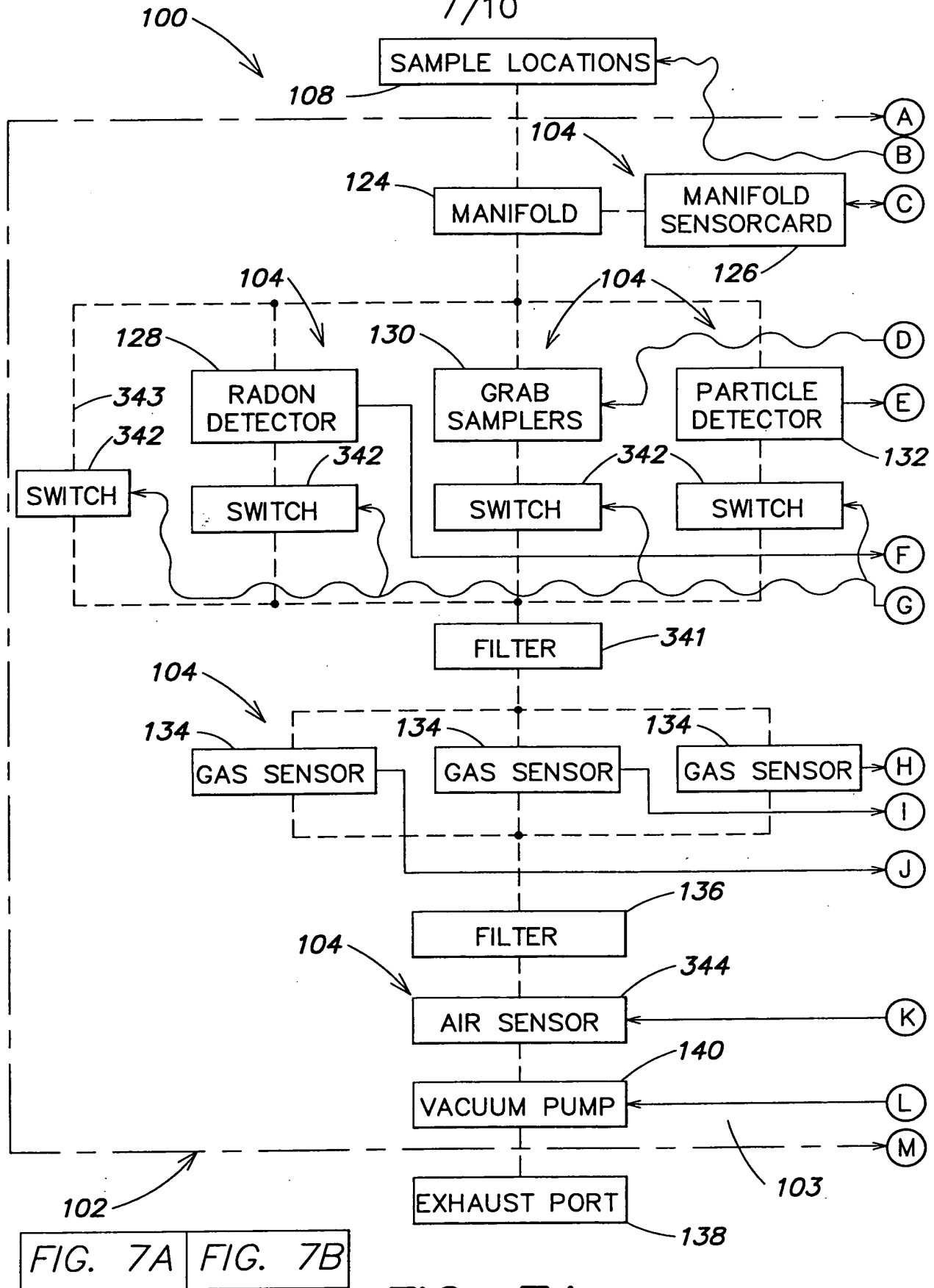
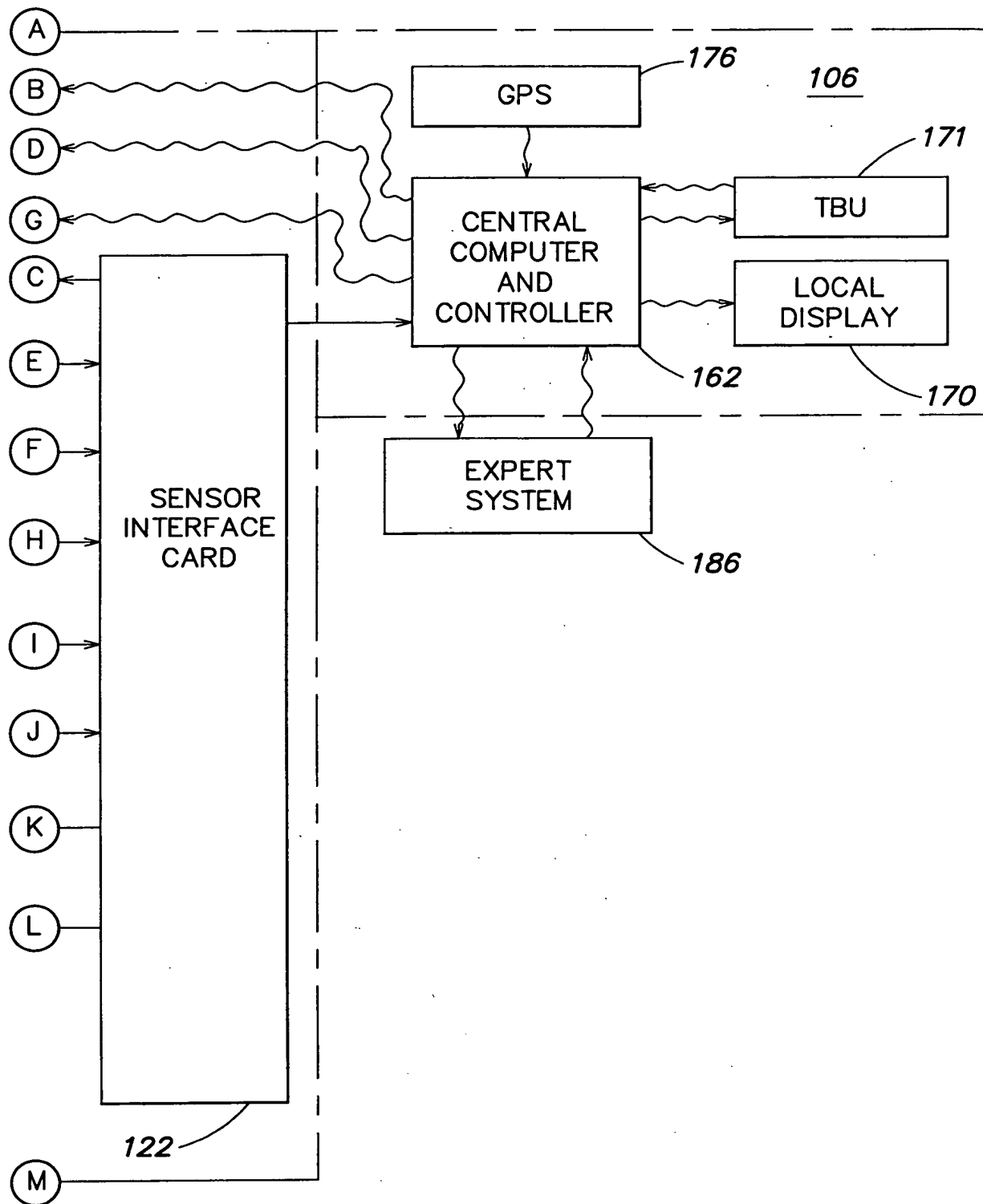
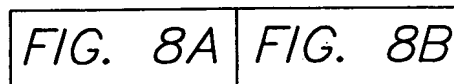


FIG. 7A

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**FIG. 7B**



**FIG. 8A**

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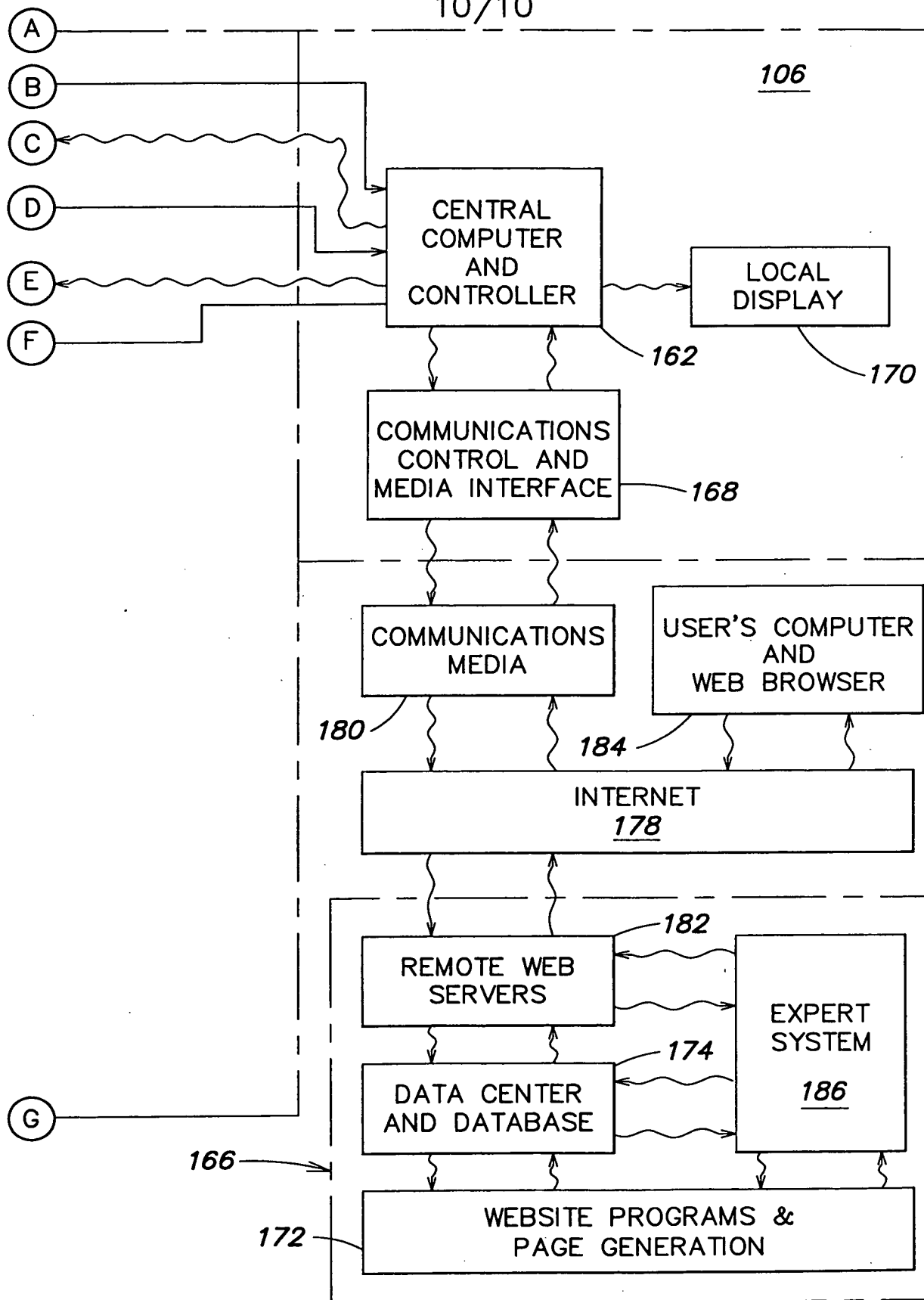


FIG. 8B